



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
 29.03.2000 Bulletin 2000/13

(51) Int. Cl.<sup>7</sup>: **H05B 6/80**

(43) Date of publication A2:  
 02.02.2000 Bulletin 2000/05

(21) Application number: 99113864.5

(22) Date of filing: 15.07.1999

(84) Designated Contracting States:  
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU**  
**MC NL PT SE**  
 Designated Extension States:  
**AL LT LV MK RO SI**

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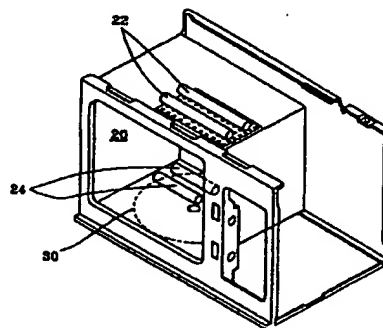
(30) Priority: 29.07.1998 KR 9830648

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(54) **Microwave oven with halogen lamps**

(57) A microwave oven with halogen lamps is disclosed. In the microwave oven, two upper halogen lamps are installed on the top wall of a cavity of the microwave oven at a position corresponding to the central portion of a turntable. Two lower halogen lamps are installed on the bottom wall of the cavity so as to be diagonally opposite to the upper lamps and to not overlap with the upper lamps. Therefore, the light, emanating from the upper and lower lamps, is uniformly transmitted to the total area on the turntable. The upper lamps are positioned to overlap with the central portion of the turntable. The lower lamps individually have an output power of lower than that of each upper lamp. The lower lamps are positioned to be radially spaced apart from the central portion of the turntable. The microwave oven of this invention thus uniformly heats and cooks food laid on the turntable while effectively preventing thermal damage of a turntable motor due to heat of the lower lamps.

**FIG. 2**





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## EUROPEAN SEARCH REPORT

Application Number  
EP 99 11 3864

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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			H05B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 7 February 2000	Examiner Castanheira Nunes, F
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : documents cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

EPO FORM 1503 (03.02) (Preliminary)

ANNEX TO THE EUROPEAN SEARCH REPORT  
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EPO FORM P4459

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